

RAW SEQUENCE LISTING

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Application Serial Number: 10/572,408
Source: 1.FWD
Date Processed by STIC: 4/2/07

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RAW SEQUENCE LISTING

DATE: 04/02/2007

PATENT APPLICATION: US/10/572,408

TIME: 15:52:02

Input Set : A:\28622015.APP

Output Set: N:\CRF4\04022007\J572408.raw

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3 <110> APPLICANT: ZWERSCHKE, WERNER PAUL
4     JANSEN-DUERR, PIDDER
5     FIEDLER, MARC
6     LAICH, ANDREAS
7     FITZKY, BARBARA
9 <120> TITLE OF INVENTION: COMBINATION OF ANTI-HPV-16 AND 18 ANTIBODIES AND USES
10    THEREOF
12 <130> FILE REFERENCE: 028622-0150
14 <140> CURRENT APPLICATION NUMBER: 10/572,408
15 <141> CURRENT FILING DATE: 2006-03-16
17 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/010484
18 <151> PRIOR FILING DATE: 2004-09-17
20 <150> PRIOR APPLICATION NUMBER: EP 03020564.5
21 <151> PRIOR FILING DATE: 2003-09-17
23 <160> NUMBER OF SEQ ID NOS: 23
25 <170> SOFTWARE: PatentIn Ver. 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 297
29 <212> TYPE: DNA
30 <213> ORGANISM: Human papillomavirus
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34 gatctctact gttatgagca attaaatgac agctcagagg aggaggatga aatagatggt 120
35 ccagctggac aagcagaacc ggacagagcc cattacaata ttgtaacctt ttgttgcaag 180
36 tgtgactcta gccttcggtt gtgcgtacaa agcacacacg tagacattcg tactttggaa 240
37 gacctgttaa tgggcacact aggaattgtg tgcccatct gttctcagaa accataa 297
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 98
42 <212> TYPE: PRT
43 <213> ORGANISM: Human papillomavirus
45 <400> SEQUENCE: 2
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49 Pro Glu Thr Thr Asp Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser
50 20 25 30
52 Glu Glu Glu Asp Glu Ile Asp Gly Pro Ala Gly Gln Ala Glu Pro Asp
53 35 40 45
55 Arg Ala His Tyr Asn Ile Val Thr Phe Cys Cys Lys Cys Asp Ser Thr
56 50 55 60
58 Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile Arg Thr Leu Glu
59 65 70 75 80
61 Asp Leu Leu Met Gly Thr Leu Gly Ile Val Cys Pro Ile Cys Ser Gln
62 85 90 95

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64 Lys Pro

68 <210> SEQ ID NO: 3

69 <211> LENGTH: 318

70 <212> TYPE: DNA

71 <213> ORGANISM: Human papillomavirus

73 <400> SEQUENCE: 3

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76 atagatggag ttaatcatca acatttacca gcccgacgag ccgaaccaca acgtcacaca 180
77 atgttggtgta tgtgttgtaa gtgtgaagct agaattgagc tagtagtaga aagctcagca 240
78 gacgaccttc gagcattcca gcagctgttt ctgaaaaccc tgtcctttgt gtgtccgtgg 300
79 tgtgcatccc agcagtaa                                     318

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82 <210> SEQ ID NO: 4

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84 <212> TYPE: PRT

85 <213> ORGANISM: Human papillomavirus

87 <400> SEQUENCE: 4

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88 Met His Gly Pro Lys Ala Thr Leu Gln Asp Ile Val Leu His Leu Glu
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91 Pro Gln Asn Glu Ile Pro Val Asp Leu Leu Cys His Glu Gln Leu Ser
92      20      25      30
94 Asp Ser Glu Glu.Glu Asn Asp Glu Ile Asp Gly Val Asn His Gln His
95      35      40      45
97 Leu Pro Ala Arg Arg Ala Glu Pro Gln Arg His Thr Met Leu Cys Met
98      50      55      60
100 Cys Cys Lys Cys Glu Ala Arg Ile Glu Leu Val Val Glu Ser Ser Ala
101  65      70      75      80
103 Asp Asp Leu Arg Ala Phe Gln Gln Leu Phe Leu Lys Thr Leu Ser Phe
104      85      90      95
106 Val Cys Pro Trp Cys Ala Ser Gln Gln
107      100      105

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110 <210> SEQ ID NO: 5

111 <211> LENGTH: 8

112 <212> TYPE: PRT

113 <213> ORGANISM: Artificial Sequence

115 <220> FEATURE:

116 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 117 peptide

119 <400> SEQUENCE: 5

120 Met His Gly Asp Thr Pro Thr Leu

121 1 5

124 <210> SEQ ID NO: 6

125 <211> LENGTH: 8

126 <212> TYPE: PRT

127 <213> ORGANISM: Artificial Sequence

129 <220> FEATURE:

130 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 131 peptide

133 <400> SEQUENCE: 6

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134 Gly Asp Thr Pro Thr Leu His Glu
135 1 5
138 <210> SEQ ID NO: 7
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140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
145 peptide
147 <400> SEQUENCE: 7
148 His Gly Asp Thr Pro Thr Leu His
149 1 5
152 <210> SEQ ID NO: 8
153 <211> LENGTH: 6
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
159 peptide
161 <400> SEQUENCE: 8
162 Met His Gly Asp Thr Pro
163 1 5
166 <210> SEQ ID NO: 9
167 <211> LENGTH: 6
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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175 <400> SEQUENCE: 9
176 Ala His Tyr Asn Ile Val
177 1 5
180 <210> SEQ ID NO: 10
181 <211> LENGTH: 6
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
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186 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
187 peptide
189 <400> SEQUENCE: 10
190 Cys Asp Ser Thr Leu Arg
191 1 5
194 <210> SEQ ID NO: 11
195 <211> LENGTH: 6
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
201 peptide

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Input Set : A:\28622015.APP

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203 <400> SEQUENCE: 11
204 Leu Cys Val Gln Ser Thr
205 1 5
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209 <211> LENGTH: 6
210 <212> TYPE: PRT
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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217 <400> SEQUENCE: 12
218 Thr Leu Glu Asp Leu Leu
219 1 5
222 <210> SEQ ID NO: 13
223 <211> LENGTH: 8
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
229 peptide
231 <400> SEQUENCE: 13
232 Met His Gly Pro Lys Ala Thr Leu
233 1 5
236 <210> SEQ ID NO: 14
237 <211> LENGTH: 8
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
243 peptide
245 <400> SEQUENCE: 14
246 His Gly Pro Lys Ala Thr Leu Gln
247 1 5
250 <210> SEQ ID NO: 15
251 <211> LENGTH: 8
252 <212> TYPE: PRT
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260 His Leu Glu Pro Gln Asn Glu Ile
261 1 5
264 <210> SEQ ID NO: 16
265 <211> LENGTH: 5
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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Input Set : A:\28622015.APP

Output Set: N:\CRF4\04022007\J572408.raw

271 peptide
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274 Met His Gly Pro Lys
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278 <210> SEQ ID NO: 17
279 <211> LENGTH: 6
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281 <213> ORGANISM: Artificial Sequence
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288 Ala Thr Leu Gln Asp Ile
289 1 5
292 <210> SEQ ID NO: 18
293 <211> LENGTH: 6
294 <212> TYPE: PRT
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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301 <400> SEQUENCE: 18
302 His Leu Glu Pro Gln Asn
303 1 5
306 <210> SEQ ID NO: 19
307 <211> LENGTH: 6
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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315 <400> SEQUENCE: 19
316 Arg Ala Glu Pro Gln Arg
317 1 5
320 <210> SEQ ID NO: 20
321 <211> LENGTH: 6
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
327 peptide
329 <400> SEQUENCE: 20
330 Ala Glu Pro Gln Arg His
331 1 5
334 <210> SEQ ID NO: 21
335 <211> LENGTH: 6
336 <212> TYPE: PRT
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:

VERIFICATION SUMMARY

DATE: 04/02/2007

PATENT APPLICATION: US/10/572,408

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